ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | INITIALS | ID NO. | DATE |
|---------------------------|----------|--------|----------|
| FEE DETERMINATION | INA | | 08-28-01 |
| O.I.P.E. CLASSIFIER | | 49 | 9/4/01 |
| FORMALITY REVIEW | mo | 579 | 10/8/01 |
| RESPONSE FORMALITY REVIEW | HC. | 412 | 02-08-0 |
| | | | - 1 X |

INDEX OF CLAIMS

BEST AVAILABLE COPY

| , | Rejected | N | Non-elected |
|---|----------------------------|---|--------------|
| | Allowed | l | Interference |
| | (Through numeral) Canceled | Α | Appeal (|
| ÷ | Restricted | 0 | Objected |

| • | | | | | | | | ÷ | | | | | | | F | Rest | rict | ed | |
|---|----------|----------|-------------|----------|--------------|-----------------|----------|----------|--|--|----------|--|-------------------------------------|-----|--------------|----------|-----------|----------|---|
| | Cla | im | Ī | | | | | Dat | e | | | | | | Cla | im | | | - |
| | - | | 1/31/8/ | 1 | 7 | 6 | 3 | | | | | | | | | | | | ſ |
| | a | Original | 3 | 9 | ٦ <u>%</u> | 111 | Ž | | | | | | | | Ē | Original | | | |
| | Final | ō, | 31 | 7 | 16 | 3 | 71 | ŀ | | | | | | | Final | ō | | | |
| | 4 | U | - | 7 | ~ | | Ż | | | | | | | | | 51 | | | |
| | | 2 | | | 1 | | Ц | | | | | | | | | 52 | | | L |
| | | 3 | | | | | | | | | | | | | _ | 53 | Ш | Ш | L |
| | | 4 | J | _ | V | Ŋ | ~ | | | | | | | | | 54 | \square | | L |
| | | 8 | 4 | _ | | | L. | <u> </u> | | | L_ | | Ш | | | 55 | | | L |
| | | Æ | 4 | 4 | | L, | _ | | _ | | | | \Box | | _ | 56 | \vdash | | - |
| | _ | 7 | 4 | 4 | <u> </u> | ~ | 2 | <u></u> | | | | | | | _ | 57 | \dashv | 1 | H |
| | | 8 | \parallel | 4 | \perp | - | 4 | | _ | | | _ | _ | | | 58 | \dashv | \dashv | - |
| | _ | 9 | Н | 4 | + | 4 | H | _ | | _ | | 4 | \vdash | | | 59 60 | \dashv | \vdash | _ |
| | | 10 11 | Н | 4 | + | 1 | H | H | _ | | | \vdash | Н | | | 61 | \dashv | | _ |
| | · | 12 | Н | 4 | + | \vdash | ₩ | 3 | Η. | ┝ | _ | - | Н | | | 62 | \dashv | \dashv | r |
| | _ | 13 | H | \dashv | + | ╀ | H | _ | | ⊢ | \vdash | \vdash | Н | | | 63 | \dashv | | r |
| | | 14 | Н | ┨ | + | 1 | ╁ | <u>}</u> | _ | ⊢ | - | | Н | | | 64 | \dashv | \dashv | _ |
| | | 15 | Н | ┨ | ¥ | -y - | 1 | ř | | ├ | H | | | | | 65 | \dashv | \equiv | l |
| | _ | 10 | H | ┪ | _ | <u> </u> | <u> </u> | \vdash | | \vdash | ┝ | | | | \vdash | 66 | | \neg | Ī |
| | _ | 17 | H | + | V | ١, | 7.7 | \vdash | | \vdash | | _ | | | \vdash | 67 | | | Ī |
| | | 18 | H | 1 | 1 | 1 | Ť | - | | \vdash | Н | | _ | | | 68 | | | ľ |
| | H | 19 | H | 7 | + | 1 | H | | | ┢ | | | | | | 69 | | | r |
| | H | 20 | H | ┪ | 5 | ゲァ | 1 | | \vdash | \vdash | | | | | | 70 | | _ | ľ |
| | - | 20 | H | 4 | • | ÷ | ۲ | | - | - | Η. | H | | | - | 71 | | | ŀ |
| | _ | 22 | lt | 4 | | 7 | 7 | | | | Н | | | | | 72 | | | ŀ |
| | _ < | 28 | H | 1 | _ | | Ė | | | \vdash | Н | _ | | | | 73 | | | ľ |
| | - | 24 | T | 1 | 7 | 1 | V | | | | | | | | | 74 | | | r |
| | - | 25 | H | 1 | | | | | | T | _ | | | | | 75 | | | r |
| | | 26 | ij | 7 | V | | V | ١, | | Г | | | | | | 76 | | | ľ |
| | | 27 | 2 | - | | | , | | | Г | | | | | Г | 77 | | | Γ |
| • | _ | 28 | | | ~ | | 7 | | 7 | | | | | | | 78 | | | |
| | (| 29 | | | V | 2 | V | | | | | | L | ļ | | 79 | L | _ | L |
| | _ | 30 |) | | | | | | | | | | L | | | 80 | | _ | L |
| | | 31 | | - | | | | | | | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | <u> </u> | 81 | | | L |
| | | 32 | L | ┙ | | L | | _ | L | L | | <u> </u> | <u> </u> | | <u> </u> | 82 | L | | L |
| | | 33 | L | _ | | | L | <u> </u> | ļ | <u> </u> | <u> </u> | \vdash | <u> </u> | | <u> </u> | 83 | Ц | <u> </u> | L |
| | | 34 | L | 4 | | _ | L | <u> </u> | L | <u> </u> | \vdash | H | <u> </u> | | | 84 85 | Н | <u> </u> | ŀ |
| | <u> </u> | 35 36 | L | 4 | | <u> </u> | \vdash | <u> </u> | _ | - | H | H | | | \vdash | 86 | - | - | ŀ |
| | <u> </u> | ⊢ | \vdash | 4 | - | _ | - | <u> </u> | - | \vdash | \vdash | ├ | \vdash | | - | 87 | \vdash | \vdash | ŀ |
| ï | <u> </u> | 37 | \vdash | 4 | _ | - | \vdash | ├ | \vdash | ├ | \vdash | Н | | | ⊢ | 88 | \vdash | - | 1 |
| | \vdash | 39 | - | - | - | - | \vdash | \vdash | Н | \vdash | - | \vdash | \vdash | | \vdash | 89 | \vdash | \vdash | ŀ |
| | _ | 40 | H | 4 | \vdash | \vdash | ┝ | - | | ├ | H | | | | H | 90 | | - | ŀ |
| | \vdash | 41 | \vdash | - | - | - | \vdash | \vdash | - | ├- | - | Н | H | | - | 91 | \vdash | \vdash | ŀ |
| | <u> </u> | 42 | - | 4 | - | \vdash | - | - | \vdash | ├ | \vdash | H | | | ⊢ | 92 | \vdash | | ŀ |
| | \vdash | 43 | \vdash | + | \vdash | ⊢ | \vdash | - | Į- | \vdash | \vdash | | \vdash | | \vdash | 93 | H | H | H |
| | - | 44 | ₩- | ᅥ | | ┝ | ┝ | \vdash | <u>} </u> | +- | \vdash | H | - | | \vdash | 94 | - | \vdash | H |
| | - | 45 | \vdash | 4 | - | \vdash | \vdash | | \vdash | \vdash | - | - | \vdash | | \vdash | 95 | \vdash | \vdash | H |
| | \vdash | 46 | H | 1 | \vdash | ┢ | \vdash | 1 | | \vdash | \vdash | H | - | 1 | ┢ | 96 | - | \vdash | t |
| | \vdash | 47 | H | + | | \vdash | - | \vdash | - | | \vdash | \vdash | \vdash | 1 | \vdash | 97 | | Г | t |
| | - | 48 | H | 1 | | - | \vdash | \vdash | - | \vdash | \vdash | | | | | 98 | \vdash | | r |
| ĺ | _ | 49 | - | 1 | | Г | \vdash | <u> </u> | | | | | Г | 1 | | 99 | П | П | Γ |
| | _ | - | - | - | _ | - | _ | _ | \vdash | - | - | - | - | l l | - | | | - | г |

| F | Rest | trict | ted | | | | 0 | | • • • • • | •••• | | | |
|----------|----------|--------------|----------|--|----------|----------------|--------------|--------------|--|--------------|-------------------------------------|--|--|
| Cla | im | | | | | Dat | e | | | | | | |
| _ | | | | | Γ_ | | | | Γ | | Г | | |
| = | Original | | | | | | | | | | | | |
| Final | Ę | | | | | | | | | | | | |
| <u>ш</u> | | | Н | | _ | H | | | _ | | L | | |
| | 51 | | Ш | | | L., | | | Ļ | | | | |
| | 52 | | | | | | | | | | | | |
| | 53 | | | | | | | | | | | | |
| | 54 | | | | | | | | | | | | |
| | 55 | | | | | | | | | | | | |
| | 56 | | | | | | | _ | | | | | |
| | 57 | | | _ | | | | | | | | | |
| _ | 58 | | | _ | _ | | | | _ | _ | _ | | |
| | 59 | | \vdash | - | | | | | | T. | - | | |
| | 60 | | Н | | _ | | | | | - | - | | |
| | 61 | _ | Н | _ | | | | | | | <u> </u> | | |
| | | | Н | | | _ | | | | | | | |
| | 62 | _ | Ш | | | | | | | | _ | | |
| | 63 | | | | | | | | | | _ | | |
| | 64 | | | | | | | | | | | | |
| | 65 | | | | | | | | | | | | |
| | 66 | | | | | Г | | | | | | | |
| | 67 | | | | | | | | | | | | |
| | 68 | _ | - | | | | | | _ | | Т | | |
| | 69 | - | | | | - | - | | - | | H | | |
| | _ | | | _ | | H | | | | H | | | |
| | 70 | | | | <u> </u> | _ | | | | 匚 | L | | |
| | 71 | | | | _ | | | | | | | | |
| | 72 | | | | | | | | | _ | | | |
| | 73 | | | | П | | | | | Γ | | | |
| | 74 | | | | | | | | | | Г | | |
| | 75 | _ | \vdash | | \vdash | | _ | Т | \vdash | | | | |
| | 76 | - | Н | | \vdash | | - | | \vdash | \vdash | H | | |
| | 77 | - | - | | ├─ | - | ┢ | | \vdash | - | - | | |
| | 78 | ┢ | - | ├ | \vdash | H | \vdash | ├ | | - | ├─ | | |
| | | ⊢ | _ | - | ┝ | <u> </u> | | - | | - | ⊢ | | |
| | 79 | <u> </u> | _ | _ | <u> </u> | | _ | ļ | | | L | | |
| | 80 | _ | <u></u> | <u>L</u> | _ | <u> </u> | _ | _ | <u> </u> | _ | <u> </u> | | |
| | 81 | _ | | L | <u> </u> | <u> </u> | | | L_ | L. | L | | |
| | 82 | | | | | | | | | | L_ | | |
| | 83 | L | L | L | L | L | | L | L^{-} | L | L | | |
| Т | 84 | _ | | | | | | 1 | _ | | | | |
| | 85 | | Γ | | | | | | | Γ | | | |
| | 86 | _ | 1 | | | | | | Τ | | | | |
| | 87 | | Н | \vdash | | | \vdash | \vdash | | | Т | | |
| _ | 88 | \vdash | - | - | \vdash | - | | \vdash | - | | - | | |
| | 89 | - | \vdash | \vdash | ├─ | - | ├─ | \vdash | \vdash | \vdash | \vdash | | |
| _ | | | - | \vdash | \vdash | - | | | | \vdash | \vdash | | |
| | 90 | _ | Ш | <u></u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | | |
| | 91 | L | | L | L | L | | L | L | L | L | | |
| _ | 92 | | | | | | | | | Ľ | Ĺ | | |
| | 93 | Г | Г | | Г | | | | | | Г | | |
| | 94 | Ι | \vdash | | | | | | | | | | |
| | 95 | - | \vdash | \vdash | - | | | \vdash | | - | \vdash | | |
| - | - | \vdash | - | \vdash | \vdash | \vdash | - | | \vdash | - | \vdash | | |
| | 96 | | \vdash | \vdash | <u> </u> | _ | ├ | ├ | <u> </u> | ⊢ | \vdash | | |
| | 97 | <u> </u> | <u></u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> _ | | |
| | 98 | <u> </u> | Ш | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | | _ | | L_ | <u> </u> | <u> </u> | <u> </u> | | |
| | 99 | <u>L</u> | 匚 | | | | | | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | |
| | 100 | | | | _ | | | _ | Ī | | 1 | | |

| Date | | . 0 | oje | , leu | l | | | | | | | |
|--|------|---------------|-----|--|--------------|----------|--------------|--------------|----------|----------|----------|----------|
| Te E E E E E E E E E | Cla | im | | _ | _ | _ | Dat | te | _ | | | - |
| 101 | | | | Γ | | | | Ì | | | | |
| 101 | ınaı | rigina | | | | | | | | | | |
| 102 103 104 105 106 107 108 109 110 111 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | _ | | _ | | - | | | | _ | - | | H |
| 103 | _ | | | \vdash | | | | - | - | | - | - |
| 104 | | _ | | | | | | | _ | _ | - | - |
| 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | _ | | _ | \vdash | - | | | | | | H | |
| 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | = | | | | - | | | | | | \vdash | |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | _ | | | | | | | | | H | H | |
| 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 148 146 147 148 | | | | | | - | | | | - | - | - |
| 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | 7 | | | - | | | | _ | | | | |
| 110 | | | | | | | _ | - | | | | |
| 112 | | - | | | | | _ | | | | | |
| 113 | | 111 | | | | | | - | | | | |
| 114 | | 112 | | | | | | | | | | |
| 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 113 | | | | | | | | | | |
| 116 | | 114 | | | | | | | | | | |
| 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 131 132 133 134 135 136 137 138 139 140 141 141 142 143 144 144 145 146 147 | | 115 | | | | | | | | | | |
| 118 | | 116 | | | | | | | | | | |
| 119 | | | | | | | | | | | _ | |
| 120 | | 118 | | | | | | ! | | | | |
| 121 | | 119 | | | | | | L. | L | | L | |
| 122 | | 120 | | | | | | | | | | |
| 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 | | 121 | | | | | | | | | | |
| 124 | | 122 | | | | | | | | | | |
| 125 | | _ | | | | | | | | | | |
| 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 146 147 148 | _ | 124 | | | | | L_ | <u> </u> | | _ | | |
| 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 | | _ | | | <u> </u> | <u> </u> | | <u> </u> | _ | | | |
| 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 | _ | | | | L_ | _ | <u> </u> | ļ | _ | | | |
| 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 | | _ | | | | | _ | L. | <u> </u> | ļ | | <u> </u> |
| 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 | | | | _ | | | _ | <u> </u> | <u> </u> | | | |
| 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 148 148 149 149 149 149 149 149 149 149 | _ | ⊢— | L | | | | | ┡ | | | | \vdash |
| 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 | _ | | _ | | | | | _ | ┡ | <u> </u> | | |
| 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 148 149 149 149 149 140 141 141 142 143 144 145 146 147 148 148 148 148 148 148 148 148 | _ | _ | | | | <u> </u> | | <u> </u> | <u> </u> | - | - | H |
| 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 148 148 148 148 148 148 148 | | $\overline{}$ | _ | | | | | <u> </u> | <u> </u> | Ŀ | - | Н |
| 135 136 137 138 139 140 141 142 143 144 145 146 147 148 148 148 148 148 148 148 148 | _ | | | ⊢ | | _ | | H | \vdash | ⊢ | - | - |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 148 148 148 148 148 148 148 | _ | _ | - | | | | | ⊢ | ┝ | - | | Н |
| 137 138 139 140 141 142 143 144 145 146 147 148 148 148 148 150 188 198 198 198 198 198 198 198 | _ | | | ├─ | - | - | - | \vdash | \vdash | \vdash | H | - |
| 138 139 140 141 142 143 144 145 146 147 148 148 148 150 | | - | - | \vdash | | - | - | | | | H | _ |
| 139 140 141 142 143 144 145 146 147 148 148 150 | | $\overline{}$ | _ | | | | | ├ | - | H | H | Н |
| 140 141 142 143 144 145 146 147 148 148 150 | | _ | _ | | - | | | ┢ | \vdash | - | H | |
| 141 142 143 144 145 146 147 148 148 150 188 188 188 198 198 198 198 198 | | - | _ | \vdash | | H | - | \vdash | | \vdash | П | Н |
| 142 143 144 145 146 147 148 148 150 | - | _ | _ | - | \vdash | \vdash | | \vdash | - | \vdash | \vdash | |
| 143 144 145 146 147 148 148 150 | - | | - | \vdash | \vdash | \vdash | ┝ | \vdash | - | Н | Н | Н |
| 144 145 146 147 148 148 149 150 | | | - | - | | | | - | Н | \vdash | H | \dashv |
| 145 146 147 148 148 148 150 | | | | | Н | | Н | Н | Н | Н | Н | H |
| 146 147 148 148 149 150 | - | | | | Н | | _ | \vdash | \vdash | Н | Н | \dashv |
| 147 148 2 2 7 1 149 2 6 7 1 150 3 2 8 8 8 8 8 8 8 | - | | | | | _ | Т | | Т | | Н | \dashv |
| 148 整 整 章 | | | | .3 | 100 | | | | | _ | Н | \dashv |
| 149 | - | 148 | | , C | 998 3 | 9 | T | _ | | М | П | |
| 150 () () () () () () () () () (| | 149 | | | 1 | | | | | | | |
| AND SECTION AND SE | | 150 | | | | 2 | 4 | | | | | |
| | | | | | | | P.F | 1 | | | | |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)



8 /1